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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/057,196	01/24/2002	Stefan-Cristian Rezeanu	CYP-0103	1729
25007	7590	07/21/2006	EXAMINER	
LAW OFFICE OF DALE B. HALLING, LLC 655 SOUTHPOINTE COURT, SUITE 100 COLORADO SPRINGS, CO 80906			COX, CASSANDRA F	
			ART UNIT	PAPER NUMBER
			2816	

DATE MAILED: 07/21/2006

Please find below and/or attached an Office communication concerning this application or proceeding..

Office Action Summary

Application No.

10/057,196

Applicant(s)

REZEANU, STEFAN-CRISTIAN

Examiner

Cassandra Cox

Art Unit

2816

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 02 May 2006.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-15 is/are pending in the application.
- 4a) Of the above claim(s) 2 is/are withdrawn from consideration.
- 5) ☒ Claim(s) 9-15 is/are allowed.
- 6) ☒ Claim(s) 1,3 and 4 is/are rejected.
- 7) ☒ Claim(s) 5-8 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 24 January 2002 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

DETAILED ACTION

Applicant's arguments with respect to claim 1 have been considered but are moot in view of the new ground(s) of rejection.

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 1, and 3-4, are rejected under 35 U.S.C. 102(e) as being anticipated by Fisher (U.S. Patent No. 6,380,785).

In reference to claim 1 Fisher discloses in Figures 2(a) and 3(a) a clocking system comprising: an external clock (TCK); a clock shaper (338) having an input coupled to the external clock (TCK) and an access clock (NTCK) at an output; a first delay block (340; see column 4, lines 35-37 and 47-51, 332, 334, 336) having an input coupled to the external clock (TCK) and an output coupled to a master (210) of an output register (200; see Figure 2); a slave (220) of the output register coupled to the external clock (TCK; through the second delay block); and a second delay block (340; see column 4, lines 35-37 and 47-51, 332,340) having an input coupled to the external clock (TCK) and an output coupled to the slave (220) of the output register (200; see Figure 2).

In reference to claim 3 Fisher discloses in Figure 3(a) wherein a first delay by the first delay block (340; see column 4, lines 35-37 and 47-51, 332, 334, 336) is not equal to a second delay by the second delay (340; see column 4, lines 35-37 and 47-51, 332, 340).

In reference to claim 4 Fisher discloses in Figure 3(a) wherein the first delay (340; see column 4, lines 35-37 and 47-51, 332, 334, 336) is greater than the second delay (340; see column 4, lines 35-37 and 47-51, 332, 340).

Allowable Subject Matter

3. Claims 9-15 are allowed.
4. Claims 5-8 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.
5. The following is a statement of reasons for the indication of allowable subject matter: Claim 5 would be allowable because the closest prior art of record fails to disclose a circuit as shown in Figure 2 wherein the system further includes a logic inversion stage (104) in combination with the rest of the limitations of the base claims and any intervening claims. Claim 6 would be allowable because the closest prior art of record fails to disclose a circuit as shown in Figure 2 wherein the clock shaper is a programmable clock duty cycle control block (46) in combination with the rest of the limitations of the base claims and any intervening claims. Claim 7 would be allowable because the closest prior art of record fails to disclose a circuit as shown in Figure 2 wherein the first delay block (100) has a programmable delay in combination with the

rest of the limitations of the base claims and any intervening claims. Claim 8 would be allowable because the closest prior art of record fails to disclose a circuit as shown in Figure 2 wherein the second delay block (110) has a programmable delay in combination with the rest of the limitations of the base claims and any intervening claims.

6. The following is an examiner's statement of reasons for allowance: Claims 9-15 are allowed because the closest prior art of record fails to disclose a circuit as shown in Figure 1 wherein the method of operating includes splitting an eternal clock into at least three clock lines and delaying a third of the plurality of clock lines to form a slave clock (performed by the second delay block 30) in combination with the rest of the limitations of the base claims and any intervening claims.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Cassandra Cox whose telephone number is 571-272-1741. The examiner can normally be reached on Monday-Thursday from 7:00 AM to 4:30 PM and on alternate Fridays from 7:30 AM to 4:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Timothy Callahan can be reached on 571-272-1740. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

CC

July 18, 2006